0390

P.5

RAW SEQUENCE LISTING   DATE: 03/21/2002
PATENT APPLICATION: US/10/092,154 TIME: 08:54:50

Input Set : D:\PC009C1_seqList.txt
Output Set: N:\CRF3\03212002\J092154.raw

```
      1 <110> APPLICANT: Rosen et al.
      3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
      5 <130> FILE REFERENCE: PC009C1
C-->  7 <140> CURRENT APPLICATION NUMBER: US/10/092,154
C-->  7 <141> CURRENT FILING DATE: 2002-03-07
      7 <150> PRIOR APPLICATION NUMBER: 09/764,847
      8 <151> PRIOR FILING DATE: 2001-01-17
     10 <150> PRIOR APPLICATION NUMBER: 60/179,065
     11 <151> PRIOR FILING DATE: 2000-01-31
     13 <150> PRIOR APPLICATION NUMBER: 60/180,628
     14 <151> PRIOR FILING DATE: 2000-02-04
     16 <150> PRIOR APPLICATION NUMBER: 60/214,886
     17 <151> PRIOR FILING DATE: 2000-06-28
     19 <150> PRIOR APPLICATION NUMBER: 60/217,487
     20 <151> PRIOR FILING DATE: 2000-07-11
     22 <150> PRIOR APPLICATION NUMBER: 60/225,758
     23 <151> PRIOR FILING DATE: 2000-08-14
     25 <150> PRIOR APPLICATION NUMBER: 60/220,963
     26 <151> PRIOR FILING DATE: 2000-07-26
     28 <150> PRIOR APPLICATION NUMBER: 60/217,496
     29 <151> PRIOR FILING DATE: 2000-07-11
     31 <150> PRIOR APPLICATION NUMBER: 60/225,447
     32 <151> PRIOR FILING DATE: 2000-08-14
     34 <150> PRIOR APPLICATION NUMBER: 60/218,290
     35 <151> PRIOR FILING DATE: 2000-07-14
     37 <150> PRIOR APPLICATION NUMBER: 60/225,757
     38 <151> PRIOR FILING DATE: 2000-08-14
     40 <150> PRIOR APPLICATION NUMBER: 60/226,868
     41 <151> PRIOR FILING DATE: 2000-08-22
     43 <150> PRIOR APPLICATION NUMBER: 60/216,647
     44 <151> PRIOR FILING DATE: 2000-07-07
     46 <150> PRIOR APPLICATION NUMBER: 60/225,267
     47 <151> PRIOR FILING DATE: 2000-08-14
     49 <150> PRIOR APPLICATION NUMBER: 60/216,880
     50 <151> PRIOR FILING DATE: 2000-07-07
     52 <150> PRIOR APPLICATION NUMBER: 60/225,270
     53 <151> PRIOR FILING DATE: 2000-08-14
     55 <150> PRIOR APPLICATION NUMBER: 60/251,869
     56 <151> PRIOR FILING DATE: 2000-12-08
     58 <150> PRIOR APPLICATION NUMBER: 60/235,834
     59 <151> PRIOR FILING DATE: 2000-09-27
     61 <150> PRIOR APPLICATION NUMBER: 60/234,274
     62 <151> PRIOR FILING DATE: 2000-09-21
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RAW SEQUENCE LISTING   DATE: 03/21/2002
PATENT APPLICATION: US/10/092,154   TIME: 08:54:50

Input Set : D:\PC009Cl_seqList.txt
Output Set: N:\CRF3\03212002\J092154.raw

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64 <150> PRIOR APPLICATION NUMBER: 60/234,223
65 <151> PRIOR FILING DATE: 2000-09-21
67 <150> PRIOR APPLICATION NUMBER: 60/228,924
68 <151> PRIOR FILING DATE: 2000-08-30
70 <150> PRIOR APPLICATION NUMBER: 60/224,518
71 <151> PRIOR FILING DATE: 2000-08-14
73 <150> PRIOR APPLICATION NUMBER: 60/236,369
74 <151> PRIOR FILING DATE: 2000-09-29
76 <150> PRIOR APPLICATION NUMBER: 60/224,519
77 <151> PRIOR FILING DATE: 2000-08-14
79 <150> PRIOR APPLICATION NUMBER: 60/220,964
80 <151> PRIOR FILING DATE: 2000-07-26
82 <150> PRIOR APPLICATION NUMBER: 60/241,809
83 <151> PRIOR FILING DATE: 2000-10-20
85 <150> PRIOR APPLICATION NUMBER: 60/249,299
86 <151> PRIOR FILING DATE: 2000-11-17
88 <150> PRIOR APPLICATION NUMBER: 60/236,327
89 <151> PRIOR FILING DATE: 2000-09-29
91 <150> PRIOR APPLICATION NUMBER: 60/241,785
92 <151> PRIOR FILING DATE: 2000-10-20
94 <150> PRIOR APPLICATION NUMBER: 60/244,617
95 <151> PRIOR FILING DATE: 2000-11-01
97 <150> PRIOR APPLICATION NUMBER: 60/225,268
98 <151> PRIOR FILING DATE: 2000-08-14
100 <150> PRIOR APPLICATION NUMBER: 60/236,368
101 <151> PRIOR FILING DATE: 2000-09-29
103 <150> PRIOR APPLICATION NUMBER: 60/251,856
104 <151> PRIOR FILING DATE: 2000-12-08
106 <150> PRIOR APPLICATION NUMBER: 60/251,868
107 <151> PRIOR FILING DATE: 2000-12-08
109 <150> PRIOR APPLICATION NUMBER: 60/229,344
110 <151> PRIOR FILING DATE: 2000-09-01
112 <150> PRIOR APPLICATION NUMBER: 60/234,997
113 <151> PRIOR FILING DATE: 2000-09-25
115 <150> PRIOR APPLICATION NUMBER: 60/229,343
116 <151> PRIOR FILING DATE: 2000-09-01
118 <150> PRIOR APPLICATION NUMBER: 60/229,345
119 <151> PRIOR FILING DATE: 2000-09-01
121 <150> PRIOR APPLICATION NUMBER: 60/229,287
122 <151> PRIOR FILING DATE: 2000-09-01
124 <150> PRIOR APPLICATION NUMBER: 60/229,513
125 <151> PRIOR FILING DATE: 2000-09-05
127 <150> PRIOR APPLICATION NUMBER: 60/231,413
128 <151> PRIOR FILING DATE: 2000-09-08
130 <150> PRIOR APPLICATION NUMBER: 60/229,509
131 <151> PRIOR FILING DATE: 2000-09-05
133 <150> PRIOR APPLICATION NUMBER: 60/236,367
134 <151> PRIOR FILING DATE: 2000-09-29
136 <150> PRIOR APPLICATION NUMBER: 60/237,039
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RAW SEQUENCE LISTING   DATE: 03/21/2002
PATENT APPLICATION: US/10/092,154   TIME: 08:54:50

Input Set : D:\PC009C1_seqList.txt
Output Set: N:\CRF3\03212002\J092154.raw

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139 <150> PRIOR APPLICATION NUMBER: 60/237,038
140 <151> PRIOR FILING DATE: 2000-10-02
142 <150> PRIOR APPLICATION NUMBER: 60/236,370
143 <151> PRIOR FILING DATE: 2000-09-29
145 <150> PRIOR APPLICATION NUMBER: 60/236,802
146 <151> PRIOR FILING DATE: 2000-10-02
148 <150> PRIOR APPLICATION NUMBER: 60/237,037
149 <151> PRIOR FILING DATE: 2000-10-02
151 <150> PRIOR APPLICATION NUMBER: 60/237,040
152 <151> PRIOR FILING DATE: 2000-10-02
154 <150> PRIOR APPLICATION NUMBER: 60/240,960
155 <151> PRIOR FILING DATE: 2000-10-20
157 <150> PRIOR APPLICATION NUMBER: 60/239,935
158 <151> PRIOR FILING DATE: 2000-10-13
160 <150> PRIOR APPLICATION NUMBER: 60/239,937
161 <151> PRIOR FILING DATE: 2000-10-13
163 <150> PRIOR APPLICATION NUMBER: 60/241,787
164 <151> PRIOR FILING DATE: 2000-10-20
166 <150> PRIOR APPLICATION NUMBER: 60/246,474
167 <151> PRIOR FILING DATE: 2000-11-08
169 <150> PRIOR APPLICATION NUMBER: 60/246,532
170 <151> PRIOR FILING DATE: 2000-11-08
172 <150> PRIOR APPLICATION NUMBER: 60/249,216
173 <151> PRIOR FILING DATE: 2000-11-17
175 <150> PRIOR APPLICATION NUMBER: 60/249,210
176 <151> PRIOR FILING DATE: 2000-11-17
178 <150> PRIOR APPLICATION NUMBER: 60/226,681
179 <151> PRIOR FILING DATE: 2000-08-22
181 <150> PRIOR APPLICATION NUMBER: 60/225,759
182 <151> PRIOR FILING DATE: 2000-08-14
184 <150> PRIOR APPLICATION NUMBER: 60/225,213
185 <151> PRIOR FILING DATE: 2000-08-14
187 <150> PRIOR APPLICATION NUMBER: 60/227,182
188 <151> PRIOR FILING DATE: 2000-08-22
190 <150> PRIOR APPLICATION NUMBER: 60/225,214
191 <151> PRIOR FILING DATE: 2000-08-14
193 <150> PRIOR APPLICATION NUMBER: 60/235,836
194 <151> PRIOR FILING DATE: 2000-09-27
196 <150> PRIOR APPLICATION NUMBER: 60/230,438
197 <151> PRIOR FILING DATE: 2000-09-06
199 <150> PRIOR APPLICATION NUMBER: 60/215,135
200 <151> PRIOR FILING DATE: 2000-06-30
202 <150> PRIOR APPLICATION NUMBER: 60/225,266
203 <151> PRIOR FILING DATE: 2000-08-14
205 <150> PRIOR APPLICATION NUMBER: 60/249,218
206 <151> PRIOR FILING DATE: 2000-11-17
208 <150> PRIOR APPLICATION NUMBER: 60/249,208
209 <151> PRIOR FILING DATE: 2000-11-17
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RAW SEQUENCE LISTING   DATE: 03/21/2002
PATENT APPLICATION: US/10/092,154   TIME: 08:54:50

Input Set : D:\PC009C1_seqList.txt
Output Set: N:\CRF3\03212002\J092154.raw

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211 <150> PRIOR APPLICATION NUMBER: 60/249,213
212 <151> PRIOR FILING DATE: 2000-11-17
214 <150> PRIOR APPLICATION NUMBER: 60/249,212
215 <151> PRIOR FILING DATE: 2000-11-17
217 <150> PRIOR APPLICATION NUMBER: 60/249,207
218 <151> PRIOR FILING DATE: 2000-11-17
220 <150> PRIOR APPLICATION NUMBER: 60/249,245
221 <151> PRIOR FILING DATE: 2000-11-17
223 <150> PRIOR APPLICATION NUMBER: 60/249,244
224 <151> PRIOR FILING DATE: 2000-11-17
226 <150> PRIOR APPLICATION NUMBER: 60/249,217
227 <151> PRIOR FILING DATE: 2000-11-17
229 <150> PRIOR APPLICATION NUMBER: 60/249,211
230 <151> PRIOR FILING DATE: 2000-11-17
232 <150> PRIOR APPLICATION NUMBER: 60/249,215
233 <151> PRIOR FILING DATE: 2000-11-17
235 <150> PRIOR APPLICATION NUMBER: 60/249,264
236 <151> PRIOR FILING DATE: 2000-11-17
238 <150> PRIOR APPLICATION NUMBER: 60/249,214
239 <151> PRIOR FILING DATE: 2000-11-17
241 <150> PRIOR APPLICATION NUMBER: 60/249,297
242 <151> PRIOR FILING DATE: 2000-11-17
244 <150> PRIOR APPLICATION NUMBER: 60/232,400
245 <151> PRIOR FILING DATE: 2000-09-14
247 <150> PRIOR APPLICATION NUMBER: 60/231,242
248 <151> PRIOR FILING DATE: 2000-09-08
250 <150> PRIOR APPLICATION NUMBER: 60/232,081
251 <151> PRIOR FILING DATE: 2000-09-08
253 <150> PRIOR APPLICATION NUMBER: 60/232,080
254 <151> PRIOR FILING DATE: 2000-09-08
256 <150> PRIOR APPLICATION NUMBER: 60/231,414
257 <151> PRIOR FILING DATE: 2000-09-08
259 <150> PRIOR APPLICATION NUMBER: 60/231,244
260 <151> PRIOR FILING DATE: 2000-09-08
262 <150> PRIOR APPLICATION NUMBER: 60/233,064
263 <151> PRIOR FILING DATE: 2000-09-14
265 <150> PRIOR APPLICATION NUMBER: 60/233,063
266 <151> PRIOR FILING DATE: 2000-09-14
268 <150> PRIOR APPLICATION NUMBER: 60/232,397
269 <151> PRIOR FILING DATE: 2000-09-14
271 <150> PRIOR APPLICATION NUMBER: 60/232,399
272 <151> PRIOR FILING DATE: 2000-09-14
274 <150> PRIOR APPLICATION NUMBER: 60/232,401
275 <151> PRIOR FILING DATE: 2000-09-14
277 <150> PRIOR APPLICATION NUMBER: 60/241,808
278 <151> PRIOR FILING DATE: 2000-10-20
280 <150> PRIOR APPLICATION NUMBER: 60/241,826
281 <151> PRIOR FILING DATE: 2000-10-20
283 <150> PRIOR APPLICATION NUMBER: 60/241,786
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/092,154

DATE: 03/21/2002
TIME: 08:54:50

Input Set : D:\PC009C1_seqList.txt
Output Set: N:\CRF3\03212002\J092154.raw

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286 <150> PRIOR APPLICATION NUMBER: 60/241,221
287 <151> PRIOR FILING DATE: 2000-10-20
289 <150> PRIOR APPLICATION NUMBER: 60/246,475
290 <151> PRIOR FILING DATE: 2000-11-08
292 <150> PRIOR APPLICATION NUMBER: 60/231,243
293 <151> PRIOR FILING DATE: 2000-09-08
295 <150> PRIOR APPLICATION NUMBER: 60/233,065
296 <151> PRIOR FILING DATE: 2000-09-14
298 <150> PRIOR APPLICATION NUMBER: 60/232,398
299 <151> PRIOR FILING DATE: 2000-09-14
301 <150> PRIOR APPLICATION NUMBER: 60/234,998
302 <151> PRIOR FILING DATE: 2000-09-25
304 <150> PRIOR APPLICATION NUMBER: 60/246,477
305 <151> PRIOR FILING DATE: 2000-11-08
307 <150> PRIOR APPLICATION NUMBER: 60/246,528
308 <151> PRIOR FILING DATE: 2000-11-08
310 <150> PRIOR APPLICATION NUMBER: 60/246,525
311 <151> PRIOR FILING DATE: 2000-11-08
313 <150> PRIOR APPLICATION NUMBER: 60/246,476
314 <151> PRIOR FILING DATE: 2000-11-08
316 <150> PRIOR APPLICATION NUMBER: 60/246,526
317 <151> PRIOR FILING DATE: 2000-11-08
319 <150> PRIOR APPLICATION NUMBER: 60/249,209
320 <151> PRIOR FILING DATE: 2000-11-17
322 <150> PRIOR APPLICATION NUMBER: 60/246,527
323 <151> PRIOR FILING DATE: 2000-11-08
325 <150> PRIOR APPLICATION NUMBER: 60/246,523
326 <151> PRIOR FILING DATE: 2000-11-08
328 <150> PRIOR APPLICATION NUMBER: 60/246,524
329 <151> PRIOR FILING DATE: 2000-11-08
331 <150> PRIOR APPLICATION NUMBER: 60/246,478
332 <151> PRIOR FILING DATE: 2000-11-08
334 <150> PRIOR APPLICATION NUMBER: 60/246,609
335 <151> PRIOR FILING DATE: 2000-11-08
337 <150> PRIOR APPLICATION NUMBER: 60/246,613
338 <151> PRIOR FILING DATE: 2000-11-08
340 <150> PRIOR APPLICATION NUMBER: 60/249,300
341 <151> PRIOR FILING DATE: 2000-11-17
343 <150> PRIOR APPLICATION NUMBER: 60/249,265
344 <151> PRIOR FILING DATE: 2000-11-17
346 <150> PRIOR APPLICATION NUMBER: 60/246,610
347 <151> PRIOR FILING DATE: 2000-11-08
349 <150> PRIOR APPLICATION NUMBER: 60/246,611
350 <151> PRIOR FILING DATE: 2000-11-08
352 <150> PRIOR APPLICATION NUMBER: 60/230,437
353 <151> PRIOR FILING DATE: 2000-09-06
355 <150> PRIOR APPLICATION NUMBER: 60/251,990
356 <151> PRIOR FILING DATE: 2000-12-08
```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY   DATE: 03/21/2002
PATENT APPLICATION: **US/10/092,154**   TIME: 08:54:51

Input Set : **D:\PC009C1_seqList.txt**
Output Set: **N:\CRF3\03212002\J092154.raw**

```
L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/092,154

DATE: 03/21/2002
TIME: 08:54:51

Input Set : **D:\PC009C1_seqList.txt**
Output Set: **N:\CRF3\03212002\J092154.raw**

```
L:1434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
```